

Calendar

Tuesday, Aug. 5

9 a.m. - noon

[SIST program student final](#)

[talks](#) - One West

Noon

[Summer Lecture Seminar](#) -

One West

Speaker: N. Saoulidou,

Fermilab

Title: Neutrino Physics and Experiments

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

[Accelerator Physics and Technology Seminar](#) - One

West

Speaker: D. Bocian, CERN

Title: Quench Limit Simulations and Measurements for Steady State Heat Deposits in LHC Magnets

Wednesday, Aug. 6

9 a.m. - noon

[SIST program student final](#)

[talks](#) - One West

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

[Fermilab Colloquium](#) - One

West

Speaker: J. Phillips, Sandia

National Laboratories

Title: Science and the Energy

Security Challenge: The

Example of Solid-State Lighting

[Click here for NALCAL](#),
a weekly calendar with links
to additional information.

Weather



Chance for heavy rain

87°/64°

[Extended Forecast](#)

[Weather at Fermilab](#)

Feature

Bet he can use that in a sentence...



Bob Willford, a trainer in the Management Information Systems Department, made it to the regional spelling contest in Round Lake before getting knocked out.

Bob Willford studies words. He translates computer jargon for procedural manuals. He scans particle physics articles in Fermilab Today. He hears ethnic terms from foreign scientists at the laboratory. Still, the word "jodhpurs" caught him off guard, knocking him out of the running for the first statewide senior spelling bee at the Illinois State Fair.

In his defense, the term for the pants that horse-racing jockeys wear doesn't come up much at Fermilab, and the word stood out from others at the contest.

"Most of the words were ordinary or everyday words," he said. "I put the 'h' in the wrong place."

Willford, 62, has learned to recognize letter pairing patterns and visualize the shape of words on a page, giving him clues to the spelling. Much of that learning comes from his job as a trainer in the Management Information Systems Department, but some also comes from doing grid crossword puzzles with his wife.

"Anything that keeps the mind active, at any age, is fantastic," he said.

To get to the regional spelling contest in

Director's Corner

Grounded



Director Pier Oddone had planned to return to Fermilab from the ICHEP conference in Philadelphia yesterday evening. The airline canceled his original flight from Philadelphia to O'Hare, due to yesterday's severe storms in Illinois. He found a later flight to Midway, which took off after a delay to change a tire, but Midway closed in mid-flight, and the plane went to St. Louis. He eventually found another flight to Midway from St. Louis. When last heard from sometime after midnight, he was sitting on the tarmac in St. Louis, waiting for fuel. He apologizes, but the Director's Corner will be a day late this week.

In the News

Bogus diploma ring busted with help from U. of I. professor

From *Chicago Tribune*, Aug. 4, 2008

Thousands of buyers may have participated in fake diploma scam

The network of bogus universities was a family-run venture based in rural Washington state, but the criminal enterprise spanned the globe, with its operators allegedly paying bribes to Liberian officials and selling fake PhDs and MDs as far away as Iran.

They were busted by state and federal officials—among them a Secret Service investigator posing as a shadowy Syrian seeking a bogus chemistry degree—with the help of a local physics professor.

For the last four years, U. of I. at Urbana-Champaign professor and Fermilab physicist

Current Security Status[Secon Level 3](#)**Wilson Hall Cafe****Tuesday, July 29**

- Chicken & rice soup
- Smart cuisine:*low carb burger
- Smart cuisine: beef Spanish rice
- Smart cuisine: chicken lemon
- Peppered beef
- Assorted slice pizza
- Chicken tostada

[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, Aug. 6****Lunch**

- Spicy Italian sausage & 3 cheese calzone
- Caesar salad
- Fresh fruit plate

Thursday, Aug. 7**Dinner**

- Melon & prosciutto
- Ancho chili pork tenderloin with caramelized onions
- Red rice
- Vegetable of the season
- Hazlenut cake with blueberries

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Archives[Fermilab Today](#)[Result of the Week](#)[Safety Tip of the Week](#)[ILC NewsLine](#)**Info**

Round Lake last month, Willford endured a heated 14-round showdown in Lombard where he took the prize with the word "ridiculous." At the regional he placed third, the same as his last spelling bee battle in eighth grade, the Missouri state contest.

"It was just as much fun, just different ages," he said. "I felt a little less edgy, a little less nervous. I'm a training manager so I'm used to speaking in front of people."

Does he use any tricks?

"Essentially a deep breath and a smile works for me," he said.

Will he compete again next year?

"You bet," he said. "There's always next year. That's what the (Chicago) Cubs always say and it seems to work for them....."

-- *Tona Kunz*

In the News**Fermilab rules out one location in particle search**

From *Kane County Chronicle*, Aug. 5, 2008

Fermilab researchers on Tuesday released their latest finding in their quest to find a long sought-after particle many believe is critical to understanding the universe.

The Higgs boson particle, named after Scottish physicist Peter Higgs, is a theoretical particle that interacts with all particles – regardless of mass. For example, light particles – which have no mass – would interact with the Higgs.

For decades researchers around the world have been interested in locating the Higgs boson.

On Tuesday, Fermilab researchers said they have ruled out one place.

Spokesman Kurt Riesselmann said that researchers know from past experiments that the Higgs has to weigh more than 114 GeV – a unit of measurement smaller than grams.

Fermilab now knows the Higgs does not weigh exactly 170 GeV, Riesselmann said.

"We know where we landed, and the Higgs is not there," he said. "Now, we set out to look from this as a starting point."

George Gollin helped unravel the scheme that has resulted in eight guilty pleas this year and could spark further charges against hundreds of people who may have bought and used bogus diplomas.

[Read more](#)

Accelerator Update**August 1-4**

- Two stores provided ~17 hours and 21 minutes of luminosity
- TeV D0Q6 power supply repaired
- Store quenched during ramp
- TeV sector D1 cold compressor replaced
- Store 6334 lost due to lightning strike to C3 service building

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements**[Have a safe day!](#)****UEC elections end today**

Elections for the 2008-2009 Users' Executive Committee are now open. Today is the last day to cast votes. More information is available [here](#).

Summer intern photo today

VMS will take a photo of all summer interns at 11:45 a.m. today in the Wilson Hall atrium. Please come on time.

SIST student presentations Tuesday and Wednesday

The Summer Internships in Science and Technology (SIST) program ends this week and 13 interns will give their final talks between 9 a.m. and noon on [Tuesday](#) and [Wednesday](#) in One West. Please try to attend and show your support!

Fermi Singers performance Thursday

The Fermi Singers will perform this Thursday, Aug. 7, at noon in the Auditorium. This half-hour program will feature several summer student performers presenting international songs in a variety of languages. Snacks will be available following the performance.

Scottish Country Dancing Tuesday

Scottish Country Dancing will meet in Ramsey Auditorium Tuesday, Aug. 5. Instruction begins at 7:30 p.m. and newcomers are always welcome. Most dances are fully taught and walked through, and you do not need to

Fermilab Today
is online at:
www.fnal.gov/today/

[Read more](#)

Send comments and
suggestions to:
today@fnal.gov

come with a partner. For more information call
(630) 840-8194 or (630) 584-0825 or [e-mail](#).

[Additional Activities](#)